

Supplementary Information (Supplemental Digital Content)

Table 1 Comparison of percent differences in energy expenditure between surgery and weight-matching for VSG and RYGB at 8 weeks after surgery at 23°C and near thermoneutrality at 29°C. (based on average daily energy expenditure shown in Fig. 4A).

	8 weeks/23°C		8 weeks/29°C	
	VSG	RYGB	VSG	RYGB
No correction	+6.4%	+8.6%	+16.8%	+24.2%
Total body mass	+8.5%	+11.7%	+16.2%	+28.2%
Lean mass	+4.4%	+0.7%	+14.7%	+15.3%
Total body mass ^{0.66}	+8.7%	+10.5%	+17.3%	+26.7%

Fig. S1 Steps of the surgical VSG procedure

